Rev. 01/30/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GENERAL LAW

Applicants: Dipen N. Sinha

Docket No.: S-100,658

Serial No.:

10/649,886

Examiner:

Katina M. Wilson

Filed

August 26, 2003

Art Unit:

2856

For

NONINVASIVE CHARACTERIZATION OF A FLOWING MULTIPHASE

FLUID USING ULTRASONIC INTERFEROMETRY

Customer No. 35068

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

RESPONSE

Sir.

In response to the Office Action dated November 10, 2004, please enter the following amendments to the Claims, and consider the accompanying remarks.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, PO Box 1460, Alexandria, VA 22313-1450.

Date November 17 2004

FACSIMILE

▼ I transmitted by facsimile to the United States Patent and Trademark Office

Samuel L. Borkowsky

(type or print name of person certifying)

₽1001





P.O. Box 1663, LC/IP, MS A187 Los Alamos, NM 87545 (505) 667-3766 Fax: (505) 665-4424

FAX TRANSMISSION COVER SHEET

Date: November 17, 2004

To: Response

US Patent and Trademark Office

Phone:

Fax: (703) 746-4000

From: [Samuel L. Borkowsky]

LC/IP

Re:

Phone: (505) 665-3111 (505) 665-4424

SN 10/649,886

S-100,658

[Dipen N. Sinha]

Sender: [Karen Y. Mikus]

YOU SHOULD RECEIVE (7) PAGES, INCLUDING THIS COVER SHEET. IF YOU DO NOT RECEIVE ALL THE PAGES, PLEASE CALL (505) 665-1684.

Comments:

Included in this facsimile transmittal are the following documents for filing in the aboveidentified patent application:

Response

Fee Payments Authorized: \$ -0-

IF YOU HAVE RECEIVED THIS TELECOPY IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE TO US AT THE ADDRESS ABOVE VIA THE UNITED STATES POSTAL SERVICES. THANK YOU.

UNCLASSIFIED